



BLUE RIBBON CORP.

DIGITAL INDICATOR

Model BR1211



MODEL 1211				
FEATURES:				
<ul style="list-style-type: none"> • 4 Digit LED Display • Thermocouple, RTD, mV, mA, V, and Resistance Inputs • Alarm Relay(s) • Zero/Tare and Max/Min Memory 				
ORDERING GUIDE:				
Use the following codes to identify desired item.				
MODEL	OUTPUT	BUTTONS	POWER	DISPLAY
●	—	●	—	●
Example: 1211-AB-B-1-R				
Model				
1211				
Output				
A	1 Alarm Relay			
B	2 Alarm Relays			
C	3 Alarm Relays			
D	1 Alarm Relay, 1 Analog Output (4-20mA)			
E	2 Alarm Relays, 1 Analog Output (4-20mA)			
F	3 Alarm Relays, 1 Analog Output (4-20mA)			
Buttons				
N	Blank Fascia			
B	Front Panel Push Buttons			
Power				
1	90-250V AC Input			
2	10-32V AC or DC Low Voltage Input			
Display				
R	Red Display			
G	Green Display			

MODEL 1211	
Display	
Type	14.2mm high brightness red LED (green optional)
Range	4 digit (-1999 tp 9999)
Update Rate	2 per second
A/D Converter	
Type	Dual slope intergrating with auto zero
Conversion Rate	100 mS
Common Mode Rejection	>150dB
Series Mode Rejection	>70dB
Thermocouple Inputs	
Type	J, K, T, N, S, R
CJC Accuracy	1°C after 30 minutes
Open Circuit Detection	Upscale
Engineering Units	°C or °F
Resolution	1 or 0.1°C (°F)
RTD	
Type	Pt100 (alpha = 385) Pt100 (alpha = 392)
Configuration	3 wire
Excitation Units	°C or °F
Resolution	1 or 0.1° C (°F)
Voltage & Current Inputs	
Ranges	±20mA, ±100mV, ±10VDC
Scaling	Any portion of the display range
Accuracy	0.05% at 25°C typical
Impedance	< 5 Ohms (mA), > 100 MOhms (mV) > 100 MOhms (V)
Analog Output (Option)	
Output	4 to 20mA
Maximum Output	22mA
Accuracy	0.2% at 25° C typical
Maximum Load	500 Ohms
Resolution	0.02mA
Alarm Relays (Relays 2 & 3 are optional)	
Relays 1 & 2	Change over contacts
Relays 3	Normally open contacts
Rating	1 Amp at 250 VAC, 5 Amp at 30 VDC
Physical / Mechanical	
Front Panel	Protection to IP65
Dimensions (mm)	48(H) x 96(W) X 100(D)
Weight	0.4Kg
Environmental	
Temperature	10 to 50°C operating, -10 to 70°C storage
Humidity	0-95% RH non condensing

Blue Ribbon reserves the right to make product improvements and amendments to the product specifications stated throughout this brochure without prior notification. Please contact the factory on all critical dimensions and specifications for verification.

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